Requirement ID: 217

Sponsor Organization: AFS   POC: Les Vipond

Requirement Title: Using Technology to Support Inspection Training: In the General Aviation Industry

Funded Requirement:
- FY01: No
- FY02: Yes
- FY03: Yes
- FY04: Yes

Requirement Statement: to demonstrate how advanced technology can be used for inspection training and reducing errors for the general aviation industry.

Background: Reduce inspection errors and improve GA inspection performance, ultimately impacting safety and reliability of GA aircraft inspection and GA maintenance operations.

- Standardize the GA inspection training process providing an industry-wide benchmark for inspection training.
- Alleviate problems inherent to OJT and can be combined with existing GA training programs to facilitate consistency in inspection training, provide adaptive training and support record keeping and performance monitoring.

Output: This research will provide the general aviation industry with a benchmark for inspector training. Evaluation and validation studies will be delivered that focus on the impact of inspector training programs in minimizing inspector errors and standardizing the inspection training process.

Regulatory Link: